

Appendix A

Figures

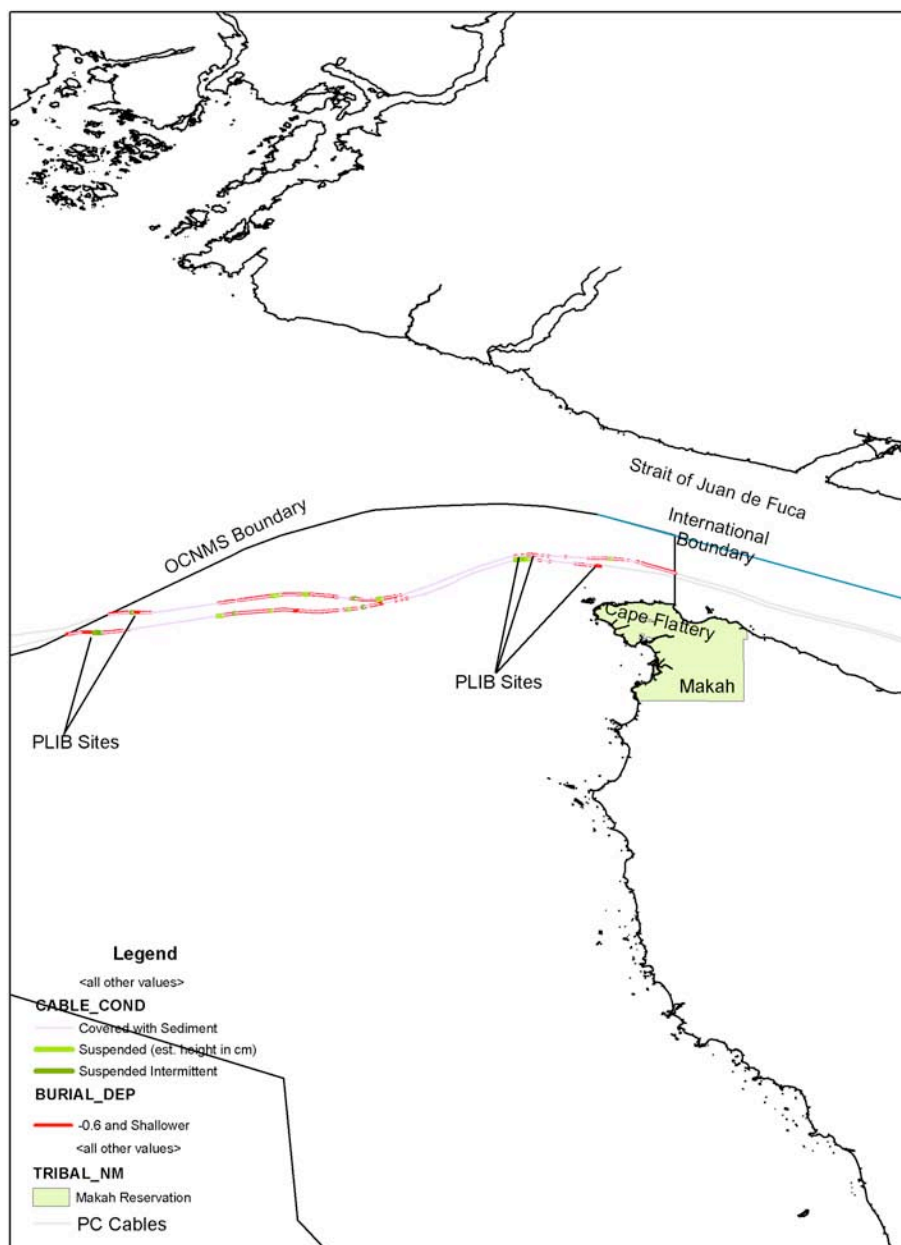


Figure 1 Pacific Crossing-1 Cables in the Olympic Coast National Marine Sanctuary



Figure 2 The PC-1 Submarine Fiber Optic Cable System Project Route (from David Evans and Associates 1998)

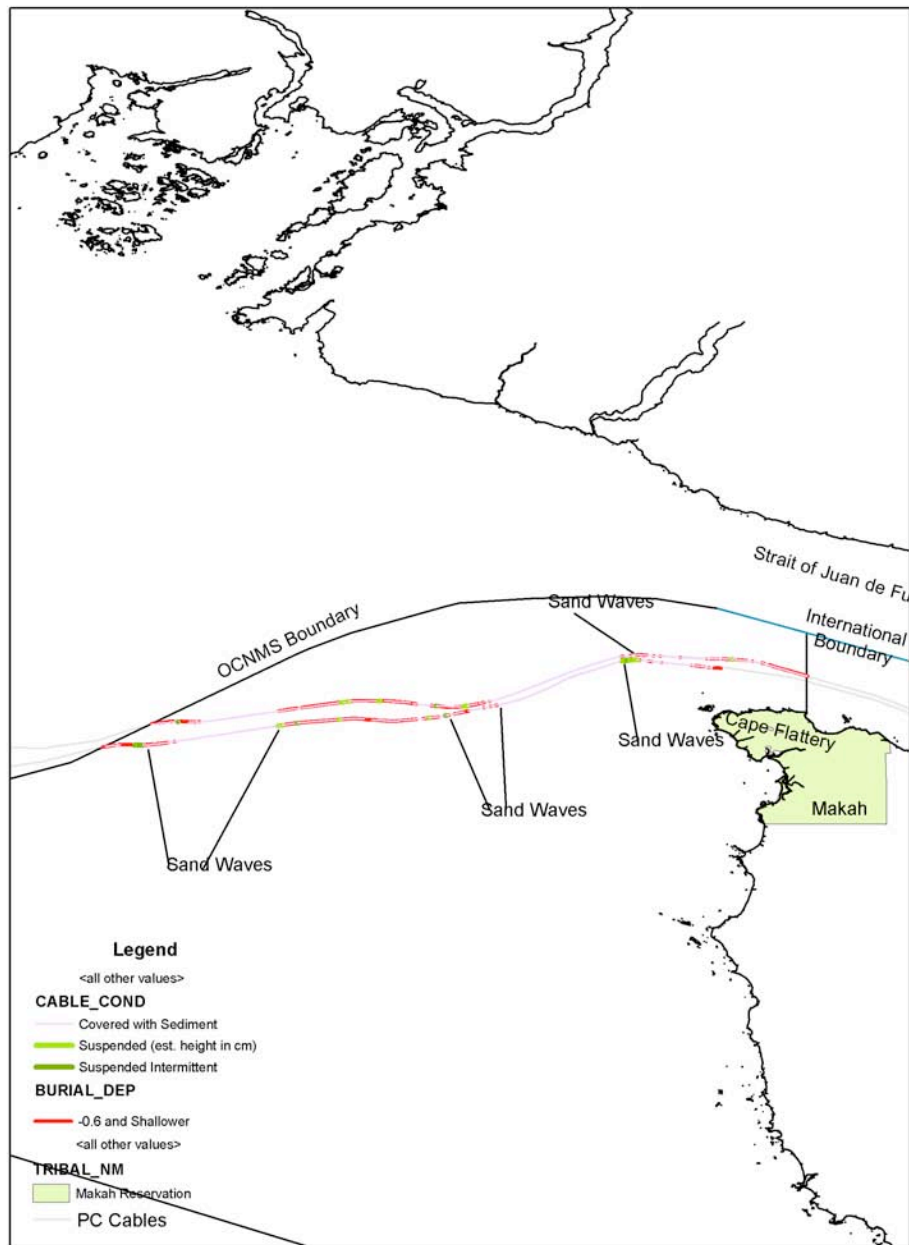


Figure 3 Location of Sand Waves on Pacific Crossing-1 Cable Routes in the Olympic Coast National Marine Sanctuary

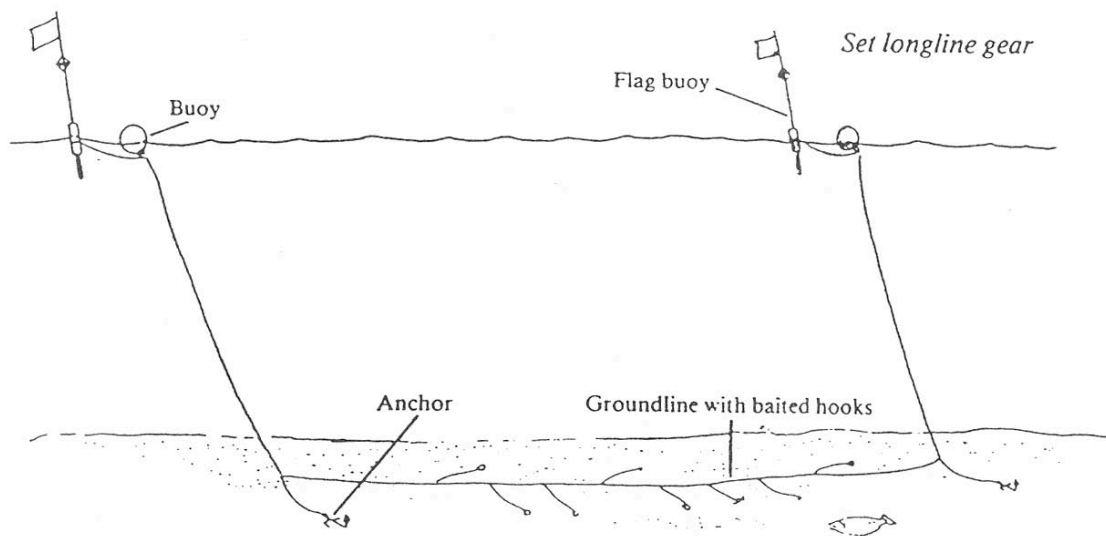


Figure 4 Typical Longline Fishing Gear

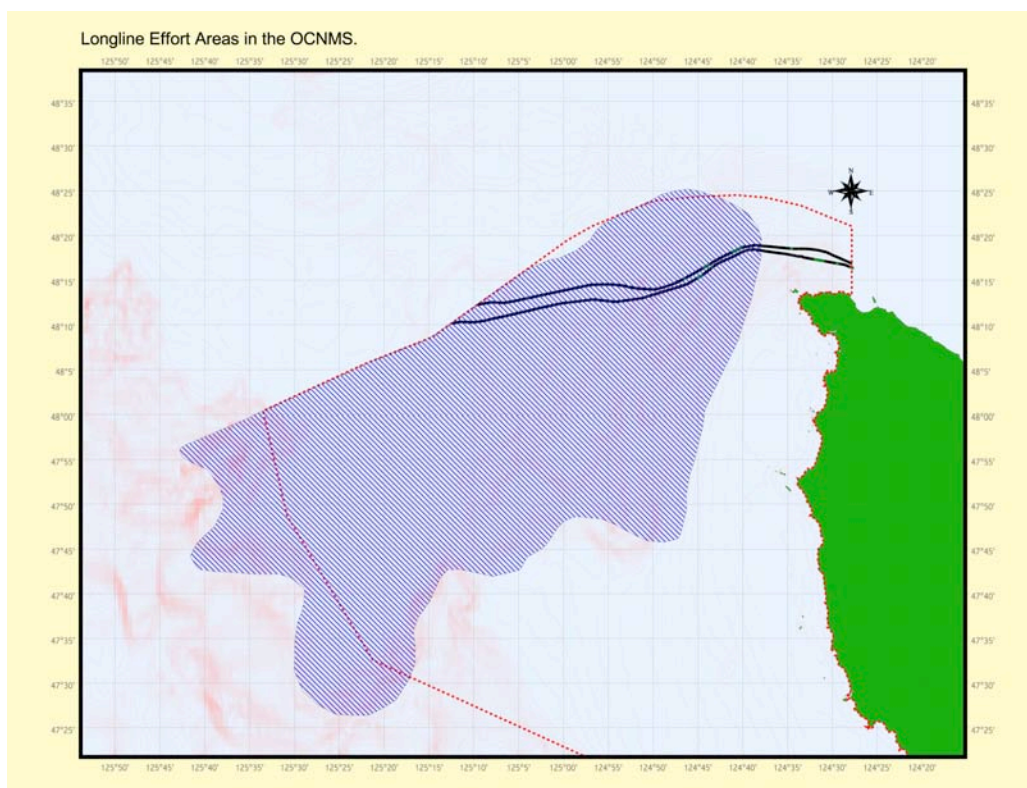


Figure 5 Distribution of Longline Fishery Effort (blue shaded area) in the Northern Portion of the Olympic Coast National Marine Sanctuary. (Pacific Crossing-1 cable routes are indicated in a black line. The Sanctuary boundary is shown as a red, dashed line.)

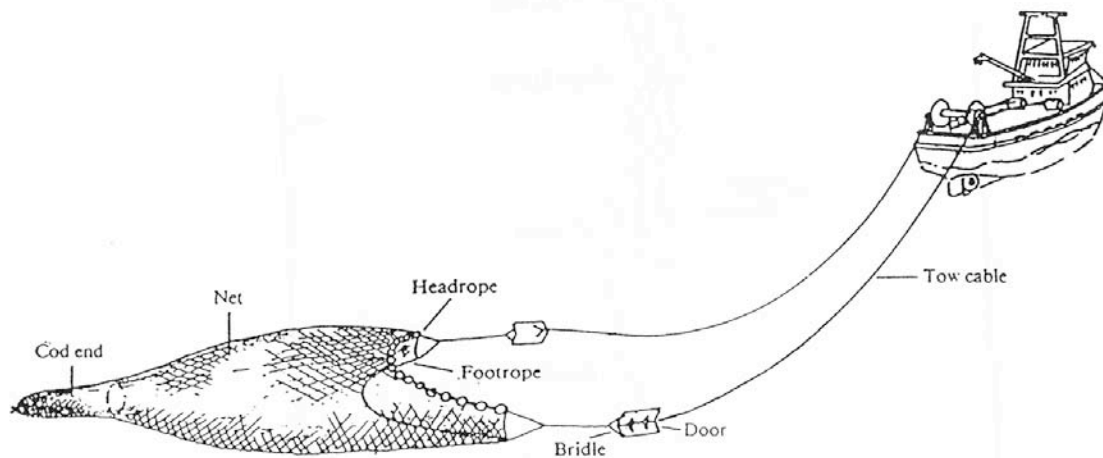


Figure 6 Bottom Trawler with Net Deployed



Figure 7 Typical Bottom Trawl Door

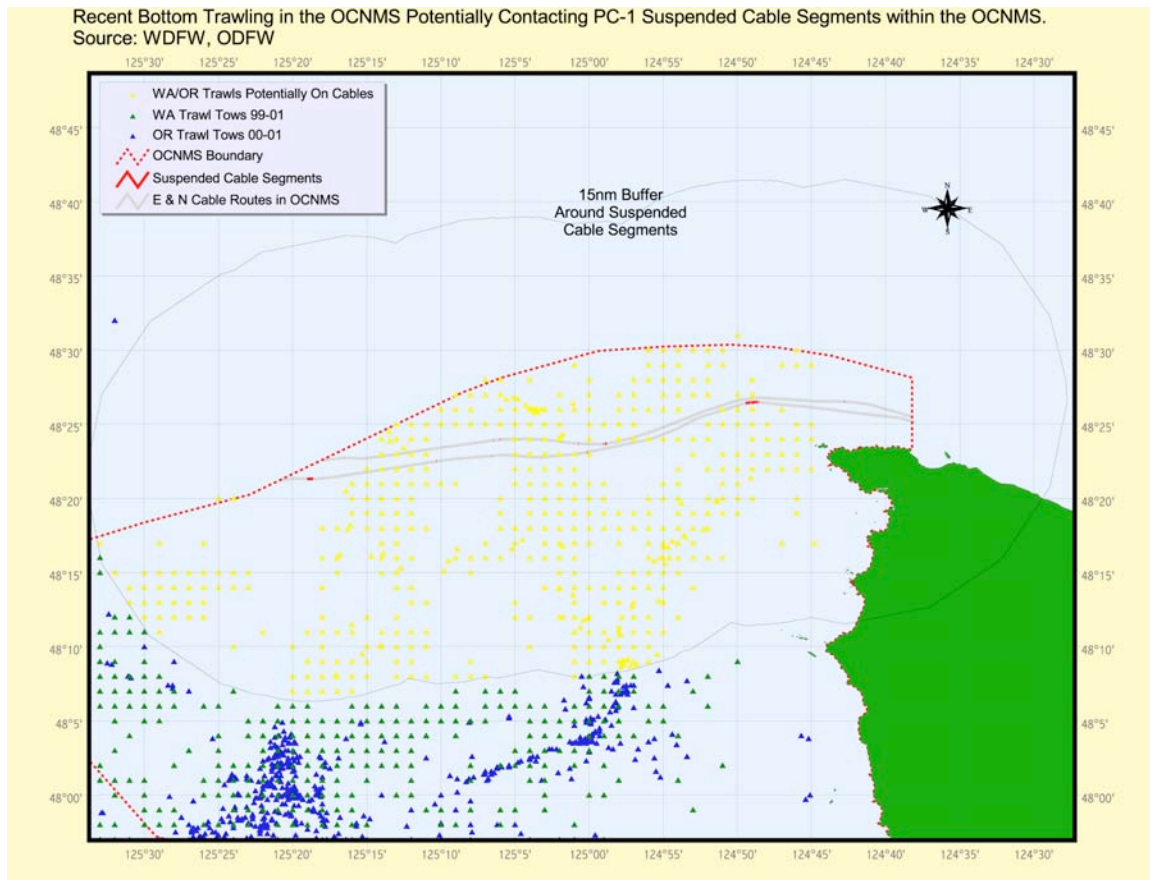


Figure 8 Recent Bottom Trawling Effort in the OCNMS with Potential to Contact Shallow Buried, Unburied, and Suspended Areas of the PC-1 Cables (Pacific Crossing-1 cable routes are indicated in a black line. The Sanctuary boundary is shown as a red, dashed line.)

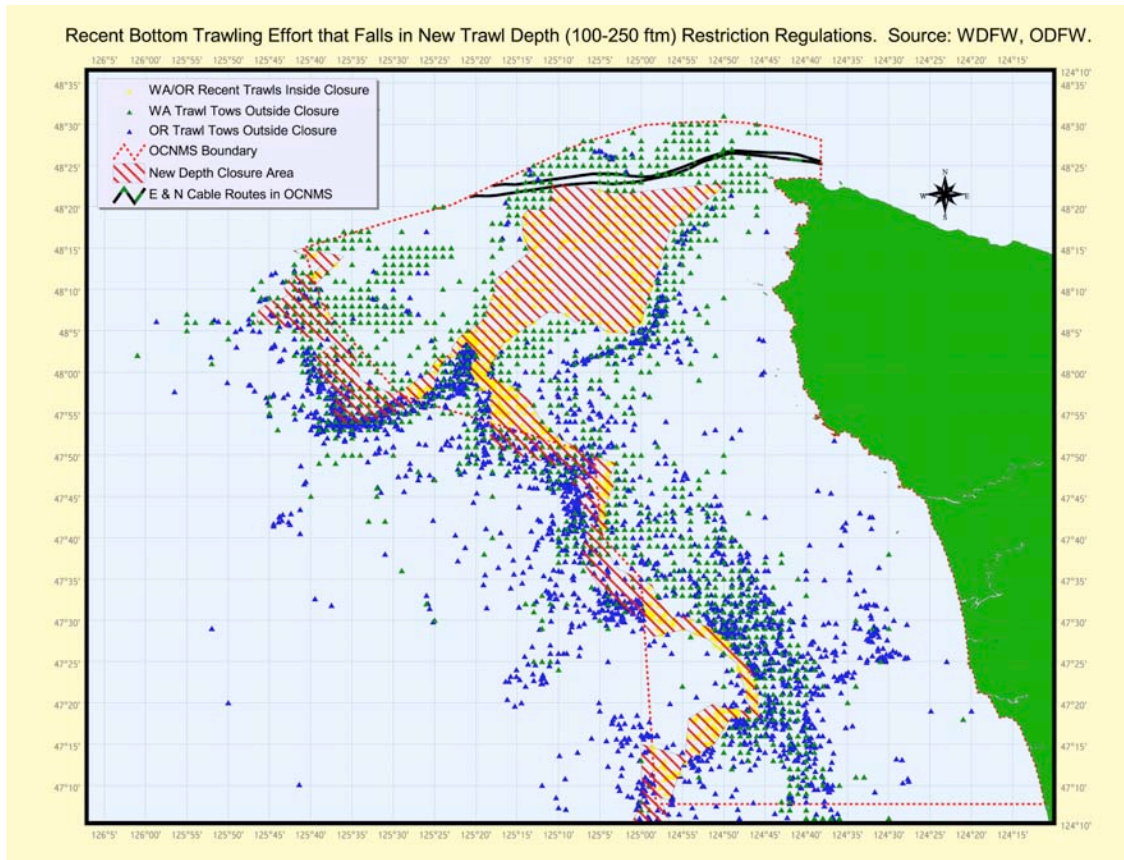


Figure 9 Location of Recent Bottom Trawl Activity (1999-2001) Relative to 2003 Fishery Management Area Closures (Pacific Crossing-1 cable routes are indicated in a black line. The Sanctuary boundary is shown as a red, dashed line.)

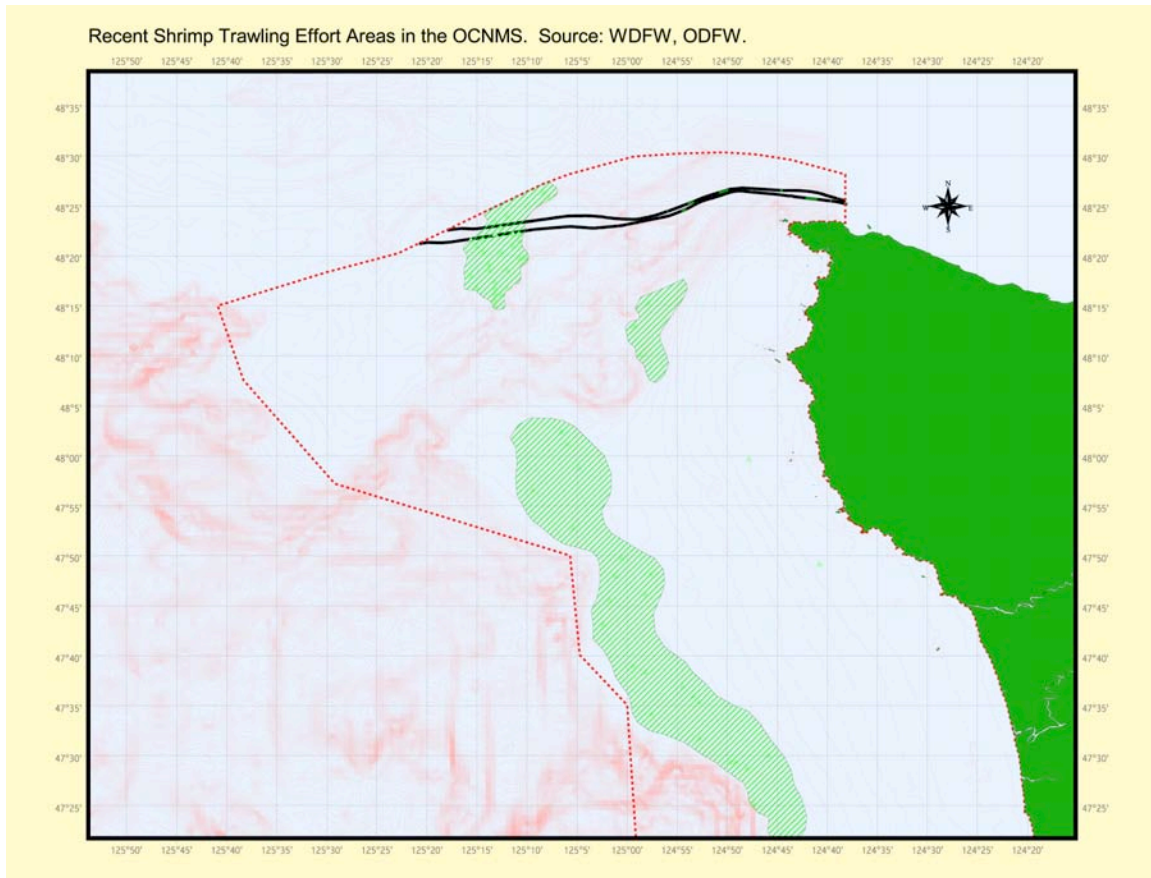


Figure 10 Distribution of Preferred Shrimp Trawl Areas off Washington State (Pacific Crossing-1 cable routes are indicated in a black line. The Sanctuary boundary is shown as a red, dashed line.)

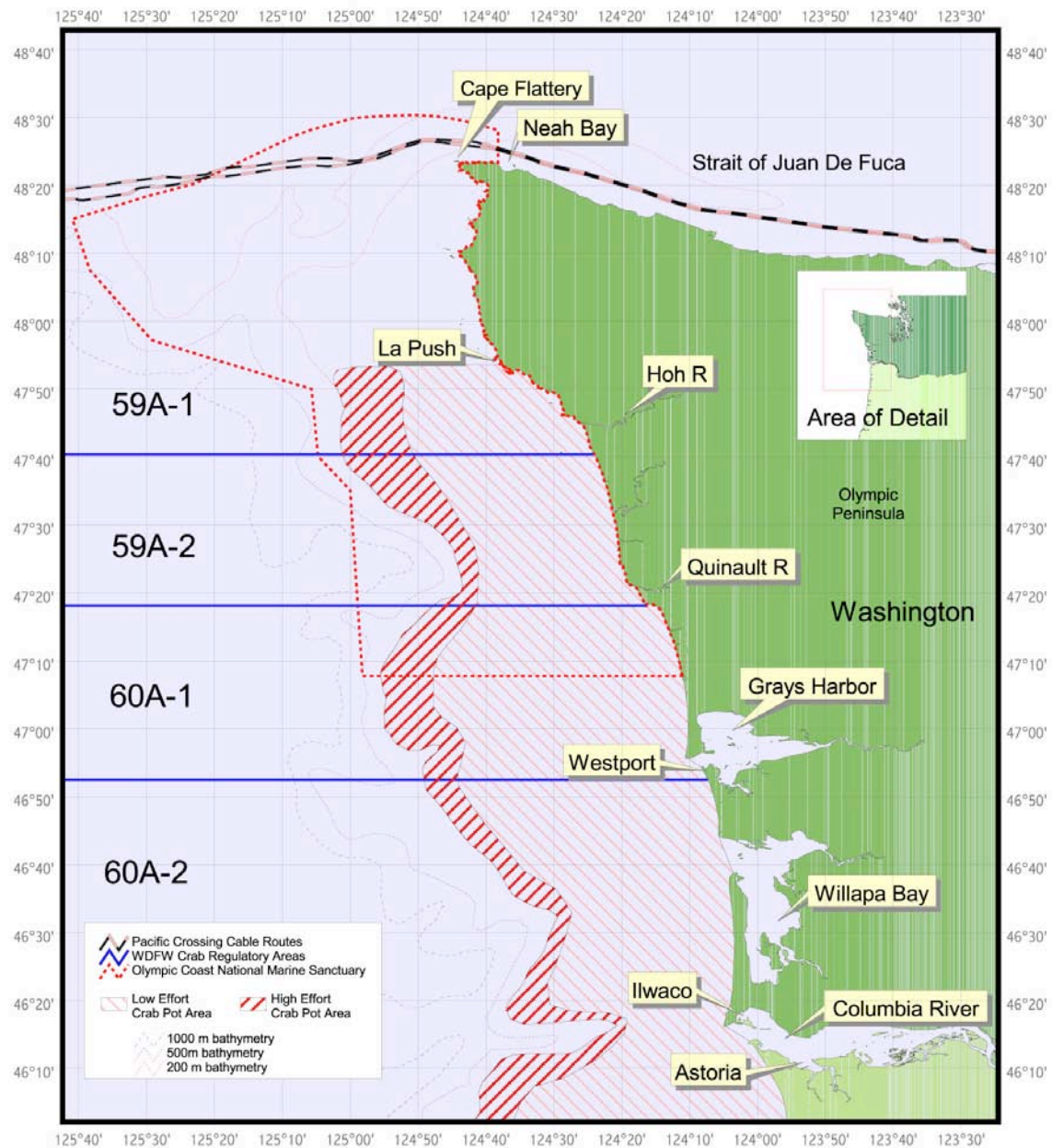


Figure 11 Distribution of Crab Pot Fishing off Washington State (Pacific Crossing-1 cable routes are indicated in a black and orange line. The Sanctuary boundary is shown as a red, dashed line.)

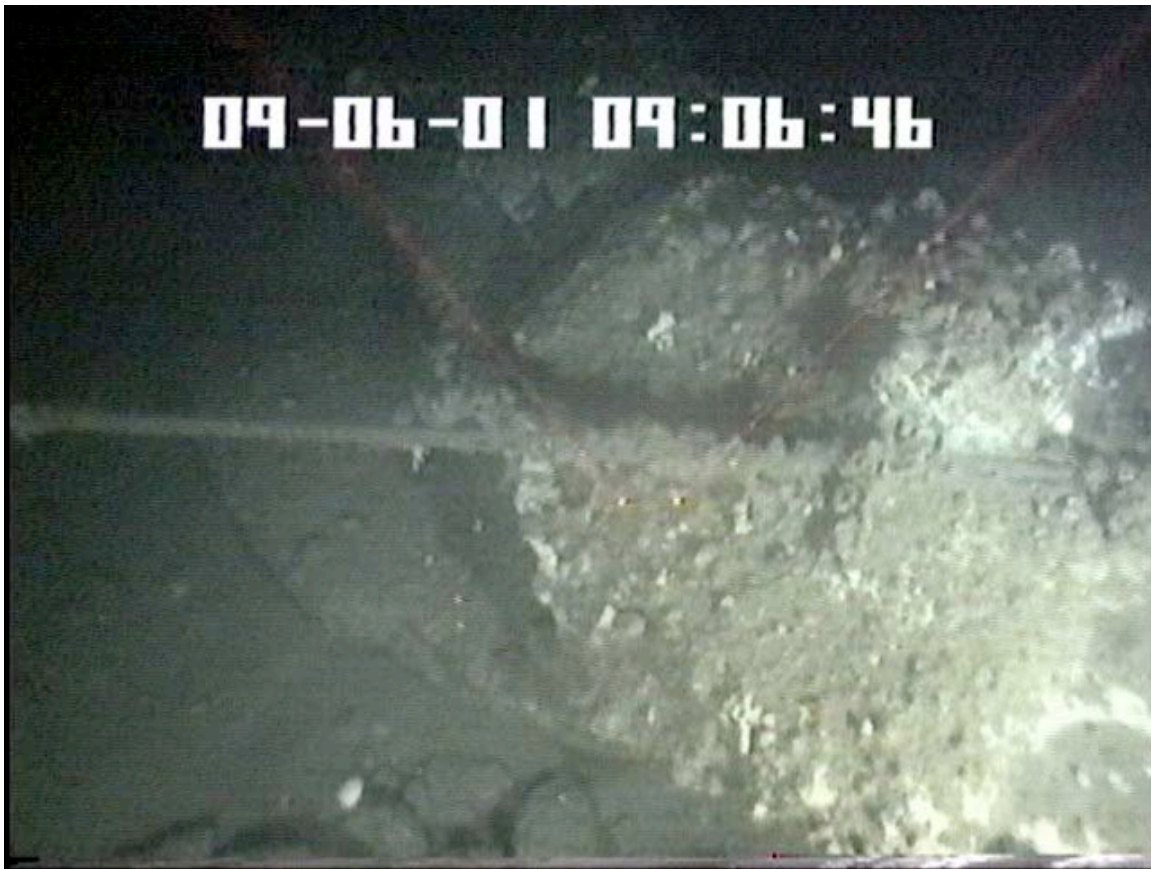


Figure 12 The PC-1 Fiber Optic Cable with Visible Serving Damage Atop a Boulder in the OCNMS

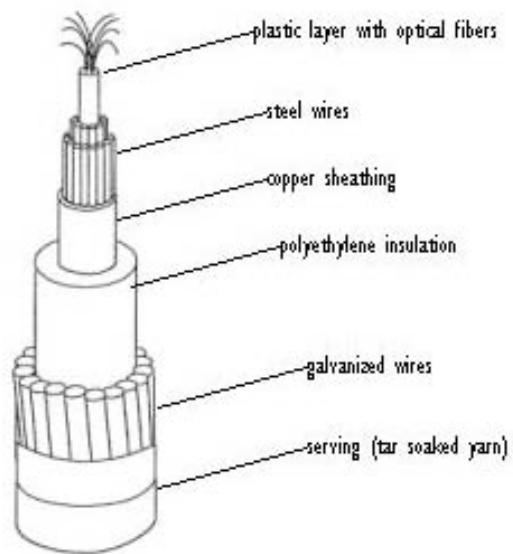


Figure 13 Light Wire Armored Cable